

WHAT IS CLAIMED IS:

1. A self locking elevator brake system comprising:
an elevator drive brake element rotatable between a brake reset position and a
brake released position;
5 a handle attached to said brake element for moving between a locked position
wherein said brake element is in said brake reset position and an
unlocked position wherein said brake element is in said brake released
position; and
a selectively operated locking means for maintaining said handle in said locked
10 position.

2. The self locking elevator brake system as defined in Claim 1 wherein said
handle has a latch receiving aperture formed therein and said locking means includes
a latching plunger releasably engaging said latch receiving aperture when said handle
15 is in said locked position.

3. The self locking elevator brake system as defined in Claim 1 wherein said
handle includes an elongate arm having an end affixed to said brake element.

20 4. The self locking elevator brake system as defined in Claim 3 wherein said
locking means includes a latching plunger and said elongate arm includes an aperture
for receiving said latching plunger.

25 5. The self locking elevator brake system as defined in Claim 4 wherein said
arm has a leading edge portion for actuating said latching plunger.

6. The self locking elevator brake system as defined in Claim 5 wherein said
leading edge has a rounded contour for contacting said latching plunger.

7. The self locking elevator brake system as defined in Claim 1 wherein said locking means includes a key actuated lock cylinder for selectively releasing said handle from said locked position.

5 8. The self locking elevator brake system as defined in Claim 1 wherein said locking means includes a safety switch contact actuated by engagement with said handle in said locked position.

9. A self locking elevator brake system comprising:

10 an elevator drive brake element rotatable between a brake reset position and a
brake released position;

a handle attached to said brake element for moving between a locked position
wherein said brake element is in said brake reset position and an
unlocked position wherein said brake element is in said brake released
position, said handle having a latch receiving aperture formed therein;
15 and

a selectively operated locking means for maintaining said handle in said locked
position, said locking means including a latching plunger releasably
engaging said latch receiving aperture when said handle is in said locked
position.

20 10. The self locking elevator brake system as defined in Claim 9 wherein said handle includes an elongate arm having an end affixed to said brake element.

25 11. The self locking elevator brake system as defined in Claim 10 wherein said arm has a leading edge portion with a rounded contour for contacting and actuating said latching plunger.

12. The self locking elevator brake system as defined in Claim 9 wherein said locking means includes a key actuated lock cylinder for selectively releasing said handle from said locked position.

5 13. The self locking elevator brake system as defined in Claim 9 wherein said locking means includes a safety switch contact actuated by engagement with said handle in said locked position.